



March 23, 2020

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

**Re: Request for Further Extension of Special Temporary Authority  
Riverside, California Earth Station E040125**

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")<sup>1</sup> previously granted to Intelsat<sup>2</sup> to use its Riverside, California C-band earth station (Call Sign E040125) to provide telemetry, tracking, and command ("TT&C") services for Intelsat 901 (Call Sign S2405)<sup>3</sup> after its docking mission with MEV-1 (Call Sign S2990).<sup>4</sup> Intelsat 901 successfully docked with MEV-1 on February 25, 2020.

Intelsat will provide TT&C services to Intelsat 901 during its drift as a combined vehicle stack ("CVS") with MEV-1 from 300 km above the geostationary arc to 27.5° W.L.<sup>5</sup> Intelsat expects the reinsertion to last approximately 45 days.

The Intelsat 901 TT&C operations will continue to be performed at the following frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (space-to-Earth); and 6173.7 MHz and 6176.3 MHz (Earth-to-space).

Intelsat will continue to follow industry practices for coordinating TT&C transmission during the reinsertion process. All operators of satellites in the drift path have been provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

---

<sup>1</sup> Intelsat has filed its STA request, FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

<sup>2</sup> See, e.g., *Satellite Communications Services Information; Actions Taken*, Report No. SES-02247, File No. SES-STA-20200128-00107 (Mar 4, 2020) (Public Notice). Prior authority included authority before and during Intelsat 901's docking with MEV-1.

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01397, File No. SAT-MOD-20190207-00009 (Jun. 21, 2019) (Public Notice).

<sup>4</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01397, File No. SAT-AMD-20190207-00008 (Jun. 21, 2019) (Public Notice).

<sup>5</sup> While docked with MEV-1, Intelsat 901 will use TT&C for health and telemetry monitoring; Intelsat 901's TT&C will not be used for maneuvers while docked to MEV-1.

Ms. Marlene H. Dortch  
March 23, 2020  
Page 2

The 24x7 contact information for operations pursuant to this STA is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)  
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Luis DeSilva or Michael Ryan.

Operations pursuant to this further STA extension are within the coordinated operations of the earth station's permanent license. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this further STA extension request will allow Intelsat to safely reinsert the CVS into the geostationary arc, and provide continuity of service at 27.5° W.L. This request thereby promotes the public interest.

Please direct any questions regarding this request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady  
Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Paul Blais